



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet 61
RATIONAL NUMBERS

Date: 01.08.20
Full Marks: 15

Choose the correct options:

1. Convert $\frac{3}{4}$ to decimal
 - (a) .81
 - (b) .4444
 - (c) .93
 - (d) .75
2. convert $\frac{6}{9}$ into a decimal
 - (a) .70
 - (b) .66667
 - (c) .91
 - (d) .42
3. What is a rational number?
 - (a) a common multiple of the denominators of 2 or more fractions
 - (b) a number that can be expressed as a ratio of two integers written as a fraction, in which the denominator is not 0
 - (c) a number that has to do with fractions converting to decimals and decimals converting to percentages
 - (d) Fractions that have the same denominator
4. If a number is repeating, What symbol would you use to express this?
 - (a) greater than sign
 - (b) equal sign
 - (c) negative sign
 - (d) bar notation
5. Convert $\frac{3}{12}$ to a decimal
 - (a) .44
 - (b) .25
 - (c) .22
 - (d) .48
6. $\frac{2}{4} + \frac{1}{4} =$
 - (a) $\frac{4}{4}$
 - (b) $\frac{3}{4}$
 - (c) $\frac{2}{4}$
 - (d) 1
7. A repeating decimal is.....
 - (a) the decimal form of a fraction
 - (b) a decimal with a bar notation
 - (c) a decimal that is repeated
 - (d) None of these
8. $\frac{4}{5} + \frac{3}{8} =$
 - (a) $\frac{55}{40}$
 - (b) $1 \frac{7}{40}$
 - (c) $1 \frac{15}{40}$
 - (d) 1

9. 0.444 repeated =
- (a) $\frac{4}{4}$
 - (b) $\frac{1}{4}$
 - (c) $\frac{4}{9}$
 - (d) $\frac{3}{4}$
10. Convert 0.75 into a fraction
- (a) $\frac{1}{75}$
 - (b) $\frac{2}{4}$
 - (c) $\frac{75}{100}$
 - (d) $\frac{3}{4}$
11. Which pair of numbers are relatively prime to one another?
- (a) 2 and 16
 - (b) 3 and 7
 - (c) 5 and 25
 - (d) 8 and -64
12. $\frac{16}{24}$ reduces to which fraction?
- (a) $\frac{1}{2}$
 - (b) $\frac{1}{3}$
 - (c) $\frac{5}{6}$
 - (d) $\frac{2}{3}$
13. -14 divided by 28 reduces to what fraction?
- (a) $\frac{1}{2}$
 - (b) $-\frac{1}{2}$
 - (c) 2
 - (d) -2
14. What is $\frac{5}{8}$ as a decimal?
- (a) 0.625
 - (b) 0.63
 - (c) 1.6
 - (d) 0.58
15. What is -0.8 as a fraction in simplest form?
- (a) $\frac{4}{5}$
 - (b) $-\frac{4}{5}$
 - (c) $\frac{8}{10}$
 - (d) $-\frac{8}{10}$